

name Answers Date _____ Per _____

Alg.1 Chocolate-Quest Homework

① Based on the OXFAM resource, what percentage of the price of a chocolate bar would a Farmer get back for a company like Hershey's?
 $\$1.11 \times .055$
< 5.5%

② Based on the THEO website, what percentage would a farmer for Theo get back per bar?
6% Theo farmers get paid 6 times more than others.

③ What is the estimated take home money per 3oz chocolate bar for a farmer working for Hershey's?
6.1¢ or \$0.061

④ What is the estimated take home money per 3oz bar for a Theo Farmer?
36.6¢ $6.1 \times 6 = 36.6¢$

⑤ Using x = the number of 3oz bars & y = the take home money for chocolate farmers, make a table showing 0-6 bars, make (and LABEL) a graph showing the farmers take home money & the # of 3oz bars for 0-6 bars, and make an equation. 😊

X # of bars	Y \$ for Hersheys	Y \$ for Theo farmer
0		
1		
2		
3		
4		
5		
6		

equation: Hersheys
equation: Theo

Take home money
per 302 bar for Hersheys &
Theo Farmers

